

Model Projects 2002: Science and Other Models

Science Models

Blood Pressure (9-12)

Build a simple model that replicates blood pressure.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

Cartesian Divers (5-8)

Build cartesian divers using condiment packets.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

Early Clocks (K-4)

Build a water clock using two small cups.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

Greenhouse Effect (K-4)

Observe temperature differences in a greenhouse model made from 2-liter bottles.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

Hydrologic Cycle, The (9-12)

Build a model of the hydrologic cycle in a two-liter bottle.

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Model of Electromagnetic Spectrum (9-12)

Build a model of the electromagnetic spectrum using pasta.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]





***Slithering Sidewinding Snakes* (5-8)**

Build a snake using styrofoam cups.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

***Slithering snakes* (K-4)**

Build a snake using styrofoam cups.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

***Sticks And Stones Can Break A Bone* (K-4)**

Make a skeleton model out of cotton swabs.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

***Water Clocks* (5-8)**

Build a water clock using two small cups.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

***What Is A Fossil?* (5-8)**

Make a fossil mold and cast.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

Solar System

***Earth, Moon, and Mars Balloons* (5-8)**

Model the solar system with balloons.

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***Planet Bracelet, A* (K-4)**

Build a bracelet model of the solar system.

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***Sun, The* (K-4)**

Build a pom-pom model of the solar system.

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Robotics

Robotic Probe Model (5-8)

Research and build a model of a robot probe.

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Safety

Egg Helmets (5-8)

Design and build a helmet to protect an egg from a fall.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]



Hey! Watch Out For My Head (9-12)

Design and build a helmet to protect an egg from a fall.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

Transportation

My Big Rig (K-4)

Build a truck that has an aerodynamic fairing out of juice cartons.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

Sailing In The Wind (K-4)

Make a foam-cup sailboat and see how wind affects the movement of the sailboat in the water.

[[Teacher Sheets](#)] [[Student Sheets](#)] [[Printer-Friendly Version](#)]

